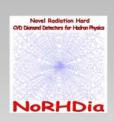
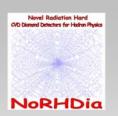


# Status I3 Hadron Physics



- $\clubsuit$  Last year of FP6  $\Rightarrow$  2008
- Final reports preparation

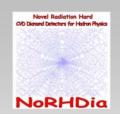
⇒ Input Deadline November 15, 2008



- ① Growth processes \_\_\_\_\_\_ IMPROVED (talks Saclay / Limburg)
- 2 Time resolution \_\_\_\_\_ EXCELLENT

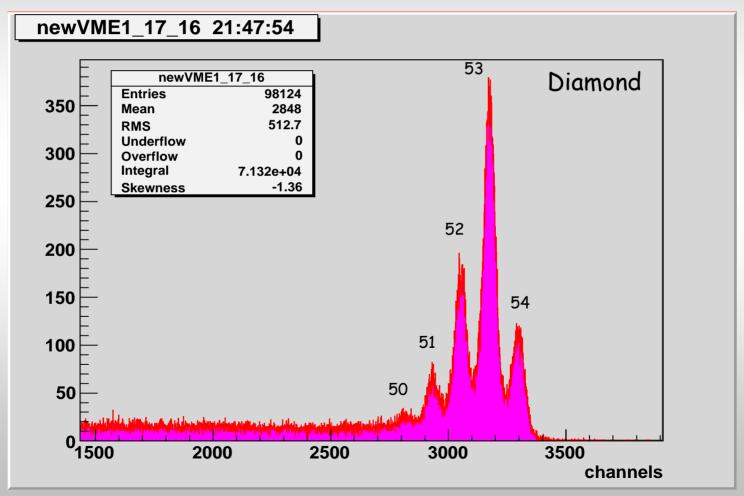
(talks Uni Karlsruhe / GSI)

- Energy resolution, A<40→ SIMILAR to Si: △E/E~0.3%
  </p>
- ⑤ Energy resolution, A>40→ as MUSIC's: △E/E ~ 1% (!)
- 6 Radiation Hardness \_\_\_\_\_ ENCOURAGING Tested up to 10<sup>16</sup> p,n/cm<sup>2</sup> NOT COMPLETED

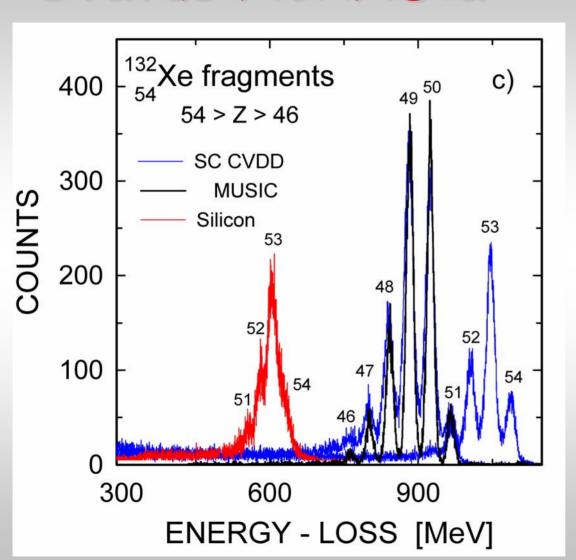


<sup>134</sup>Xe Fragments, 740AMeV

FRS



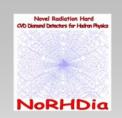




FRS

#### Relativistic ions:

E-resolution superior to Silicon, and similar to MUSIC chambers!

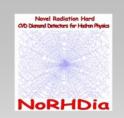


# Evaluation of the I3HP Scientific Advisory Comettee VERY POSITIVE

The Joint Research Activity 11 ....

- has made substantial advances essential for the next generation of particle and nuclear physics experiments.
- ... a promising potential replacement for the traditional silicon detectors.
- Most interestingly, their radiation hardness .....

## Status I3 HadronPhysics2



- The HadronPhysics2 Proposal has been successfully submitted to the European Commission on 26/02/2008.
- You may find the Proposal in our web site: <a href="http://www.hadronphysics2.eu">http://www.hadronphysics2.eu</a>
- Evaluation results were expected by the mid of May 2008.
   However, we are still waiting for ....